Posted

Network Working Group
NIC #10423
RFC #344
Categories: F, G.3
Updates: RFC #342
Obsoletes: None

Ellen Westheimer
BBN
22 May 1972

Rcvd 31 May 72

NETWORK HOST STATUS

This RFC reports on the status of most Network Hosts from May 8 to May 19. No testing was done on May 15 due to the attempt to install the new IMP system on that day.

During this interval the PDP-10 of the MIT Artificial Intelligence Group (Network address 134) and the PDP-10 at Stanford (Network address 11) each became Network Servers.

Several Hosts are currently excluded from the daily testing. These Hosts fall into two categories:

1) Hosts which are not expected to be functioning on the Network as servers (available for use from other sites) on a regular basis for at least two weeks. The only Host in this category is the PDP-10 at Case (Network address 13).

2) Hosts which are currently intended to be users only. Included here are the Terminal IMPs, which are presently in the Network (AMES, MITRE, NBS, ETAC, USC, GWC, and BBN*). This category also includes the Network Control Center computer (Network address 5) which is used solely for gathering statistics from the Network. Finally, included among these Hosts are the following:

Network Address	Site	Computer
7	Rand	IBM-360/65
73	Harvard	PDP-1
12	Illinois	PDP-11
19	NBS	PDP-11
23	USC	IBM-360/44

The tables on the next two pages summarize the Host status for this period.

---

*The BBN Terminal IMP (Network Address 158) is a prototype and as such is frequently not connected to the Network, but being used to refine and debug the Terminal IMP programs.

SITE ADDRESS	SITE	COMPUTER	STATUS OR PREDICTION	"STATUS OR PREDICTIONS OBTAINED FROM
1	UCLA	SIGMA-7	Server #Limited	Jon Postel
65	UCLA	IBM-360/91	NETRJS now (Telnet in June)	Bob Braden
2	SRI (NIC)	PDP-10	Server	Jim White
66	SRI (AI)	PDP-10	Server	Len Chaiten
3	UCSB	IBM-360/75	Server	Ron Stoughton
4	UTAH	PDP-10	Server	Barry Wessler
*5	BBN(NCC)	DDP-516	Never	Alex McKenzie
69	BBN(TENEX-A)	PDP-10	Server	Dan Murphy
133	BBN(TENEX-B)	PDP-10	Server (Exper.)	Dan Murphy
6	MIT(Multics)	H-645	Server	Mike Padlipsky
70	MIT(DM)	PDP-10	Server	Bob Bressler
134	MIT(AI)	PDP-10	Server	Jeff Rubin
*7	RAND	IBM-360/65	User Only	Eric Harslem
71	RAND	PDP-10	Server	Eric Harslem
8	SDC	IBM-370/155	Server	Bob Long
9	HARVARD	PDP-10	Server	Bob Sundberg
*73	HARVARD	PDP-1	User Only	Bob Sundberg
10	LINCOLN	IBM-360/67	"Soon"	Joel Winett
74	LINCOLN	TX-2	Server	Will Kantrowitz
11	STANFORD	PDP-10	Server	Andy Moorer
*12	ILLINOIS	PDP-11	User Only	John Cravits
*13	CASE	PDP-10	June	Charles Rose
14	CARNEGIE	PDP-10	Server	Hal VanZoeren
15	AMES	ILLIAC (B6500)	Server	John McConnell
16	AMES	IBM-360/67	"Soon"	Wayne Hathaway
*144	AMES	TIP	User Only	
*145	MITRE	TIP	User Only	
*19	NBS	PDP-11	User Only	Robert Rosenthal
*147	NBS	TIP	User Only	
*148	ETAC	TIP	User Only	
*23	USC	IBM-360/44	User Now	James Pepin
*151	USC	TIP	User Only	
*152	GWC	TIP	User Only	
*158	BBN	TIP (Prototype)	User Only	

*Host not included in daily testing.
#The NMC is a research site and would like to have prior arrangement with each user.

NO.	SITE	DATE AND TIME (EASTERN)								
		5/8 1630	5/9 1300	5/10 1730	5/11 1630	5/12 1300	5/16 1300	5/17 1600	5/18 1400	5/19 1300
1	UCLA-NMC	T	#D	O	H	#H	#D	O	O	O
65	UCLA-CCN*	O	O	O	O	O	O	O	O	O
2	SRI-ARC	O	O	D	O	O	O	O	O	O
66	SRI-AI	D	D	D	D	D	D	D	D	O
3	UCSB-MOD75	O	O	O	O	O	O	O	O	O
4	UTAH-10	O	O	H	O	D	O	D	O	O
69	BBN-TENEX	O	O	O	O	O	O	O	O	O
133	BBN-TENEXB	#T	O	#T	#T	#T	#D	O	O	O
6	MIT-MULTICS	O	D	O	O	O	O	O	D	H
70	MIT-DMCG	F	O	O	O	O	F	O	F	O
134	MIT-AI	T	H	H	H	H	H	H	H	H
71	RAND-CSG	D	H	O	O	O	O	D	D	D
8	SDC-ADEPT	D	#D	D	D	#D	#D	#D	#D	#D
9	HARVARD-10	O	O	#D	O	O	O	O	O	O
10	L.L.-360	T	D	D	D	H	D	H	H	H
74	L.L.-TX-2	T	D	O	O	O	D	#D	O	R
11	STANFORD-AI	T	D	D	T	T	H	D	D	D
14	CMU-10	D	D	O	O	O	O	O	O	O
15	AMES-ILLIAC	D	D	T	T	D	D	T	T	T
16	AMES-67	D	D	D	D	D	D	D	D	D
where 20		7	8	9	11	10	9	10	10	11

D = Dead (Destination Host either dead or inaccessible [due to network partitioning or local IMP failure] from the BBN Terminal IMP.)

F = Full (Destination Host opened a connection, informed user that all Network ports were in use, and immediately closed the connection.)

H = 1/2 Open (Destination Host opened a connection but then either immediately closed it, or did not respond any further.)

O = Open (Destination Host opened a connection and was accessible to users.)

R = Refused (Destination Host returned a CLS to the initial RFC.)

T = Timed out (Destination Host did not complete the ICP and open a connection within 60 seconds.)

*The only service currently offered by the UCLA IBM-360/91 is a Network Job Service (NETRJS), however, the BBN Terminal IMP is not equipped to test NETRJS. We are assuming that initial connection to the NETRJS logger indicates that NETRJS is also functioning.

#These sites advertise that they may not have their system available at these times.